What is Monitoring?

- Monitoring means keeping an eye on your systems, servers, apps, or websites.
- It helps you know if everything is running smoothly or if there are problems.

What is Grafana?

</> TechZeen

- Grafana is a data visualization tool.
- It shows your system's data in beautiful dashboards, graphs, and charts.
- Easy to understand, even if you are not technical.

Why we need Grafana?

- Raw data is hard to read. Grafana makes it simple and visual.

- Helps in quick decision-making when something goes wrong.

- Can alert you instantly if there's a problem.

What is Prometheus?

- Prometheus is a monitoring and alerting tool.

- It collects and stores metrics like CPU usage, memory, network traffic, etc.

- Works in real-time to give you accurate system health data.

Why we need Prometheus?

- Without Prometheus, you won't have proper system data to monitor.
- It is lightweight, fast, and open-source.
- Perfect for cloud, containers, and microservices environments.

Grafana + Prometheus = Perfect Combo 🔥

- Prometheus collects the data 📊.
- Grafana shows the data in dashboards 📈.
- Together, they give you powerful, real-time monitoring.
- Used by top companies worldwide for DevOps and system monitoring.